



# Technical Documentation

## Dulbecco's Modified Eagle's Medium - High Glucose - Liquid Media

	SH30022 SH30308 ADCF	SH30081 SH30315 ADCF	SH30284	SH30243 SH30317 ADCF	SH30249	SH30207	SH30285 SH30320 ADCF	SH30019	SH30262 SH30319 ADCF
	Description	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Inorganic Salts	CaCl <sub>2</sub> (anhydrous)	200.00	200.00	200.00	200.00	200.00	200.00	200.00	0.00
	Fe(NO <sub>3</sub> ) 9H <sub>2</sub> O	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
	KCl	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
	MgSO <sub>4</sub> (anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67	0.00
	NaCl	6400.00	6400.00	6400.00	6400.00	4750.00	6400.00	6400.00	6400.00
	NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O	125.00	125.00	125.00	125.00	125.00	125.00	125.00	125.00
Amino Acids	L-Arginine HCl	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00
	L-Cystine 2HCl	62.57	62.57	62.57	62.57	62.57	62.57	62.57	62.57
	L-Glutamine	584.00	0.00	584.00	584.00	584.00	0.00	584.00	0.00
	Glycine	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
	L-Histidine HCl·H <sub>2</sub> O	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00
	L-Isoleucine	104.80	104.80	104.80	104.80	104.80	104.80	104.80	104.80
	L-Leucine	104.80	104.80	104.80	104.80	104.80	104.80	104.80	104.80
	L-Lysine HCl	146.20	146.20	146.20	146.20	146.20	146.20	146.20	146.20
	L-Methionine	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
	L-Phenylalanine	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00
	L-Serine	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00
	L-Threonine	95.20	95.20	95.20	95.20	95.20	95.20	95.20	95.20
	L-Tryptophan	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
	L-Tyrosine 2Na·2H <sub>2</sub> O	103.79	103.79	103.79	103.79	103.79	103.79	103.79	103.79
	L-Valine	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60
Vitamins	D-Ca Pantothenate	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00
	D-Na Pantothenic Acid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00
	Choline Chloride	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
	Folic Acid	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
	Myo-Inositol	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	Niacinamide	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
	Pyridoxal HCl	4.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00
	Pyridoxine HCl	0.00	0.00	4.00	4.00	4.00	4.00	4.00	4.00
	Riboflavin	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
	Thiamine HCl	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Other	D-Glucose	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	HEPES	0.00	0.00	0.00	0.00	5958.00	0.00	0.00	0.00
	Phenol Red (Sodium)	15.90	15.90	0.00	15.90	15.90	15.90	15.90	15.90
	Sodium Pyruvate	0.00	0.00	0.00	110.00	0.00	0.00	110.00	0.00
	NaHCO <sub>3</sub>	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00

ADCF: Animal Derived Component  
Free